What is claimed is:

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1. A vinyl compound of the formula (1),

$$R_{1} \xrightarrow{R_{3}} R_{4} \xrightarrow{R_{5}} Z \xrightarrow{Z} C \xrightarrow{Q} C C \xrightarrow{Q} C \xrightarrow$$

wherein R_1 , R_2 , R_3 , R_4 , R_5 , R_6 and R_7 may be the same or different and are a hydrogen atom, a halogen atom, an alkyl group, a halogenated alkyl group or a phenyl group, -(O-X-O)-is represented by the formula (2) or the formula (3) (in which R_8 , R_9 , R_{10} , R_{14} , R_{15} , R_{16} , R_{17} , R_{22} and R_{23} may be the same or different and are a halogen atom, an alkyl group having 1 to 6 carbon atoms or a phenyl group, R_{11} , R_{12} , R_{13} , R_{18} , R_{19} , R_{20} and R_{21} may be the same or different and are a hydrogen atom, a halogen atom, an alkyl group having 1 to 6 carbon atoms or a phenyl

group, and A is a linear or cyclic hydrocarbon which has 1 to 20 carbon atoms and which may have a substituent), -(Y-O)-is an arrangement of one kind of structure defined by the formula (4) or a random arrangement of at least two kinds of structures defined by the formula (4) (in which R_{24} and R_{25} may be the same or different and are a halogen atom, an alkyl group having 1 to 6 carbon atoms or a phenyl group, and R_{26} and R_{27} may be the same or different and are a hydrogen atom, a halogen atom, an alkyl group having 1 to 6 carbon atoms or a phenyl group), Z is an organic group which has at least one carbon atom and which may contain an oxygen atom, a nitrogen atom, a sulfur atom or a halogen atom, each of a and b is an integer of 0 to 300, provided that at least either a or b is not 0, and each of c and d is an integer of 0 or 1.

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2. A vinyl compound according to claim 1,

wherein R_8 , R_9 , R_{10} , R_{14} , R_{15} , R_{16} , R_{17} , R_{22} and R_{23} in the formula (2) or the formula (3) may be the same or different and are an alkyl group having 1 to 3 carbon atoms, and R_{11} , R_{12} , R_{13} , R_{19} , R_{20} and R_{21} may be the same or different and are a hydrogen atom or an alkyl group having 1 to 3 carbon atoms.

- 3. A vinyl compound according to claim 1, wherein, when -(O-X-O) is represented by the formula 25 (3), each of R_1 and R_2 is an alkyl group, a halogenated alkyl group or a phenyl group.
 - 4. A vinyl compound according to claim 1,

wherein R_{24} and R_{25} in the formula (4) may be the same or different and are an alkyl group having 1 to 3 carbon atoms, and R_{26} and R_{27} in the formula (4) may be the same or different and are a hydrogen atom or an alkyl group having 1 to 3 carbon

atoms.

5. A vinyl compound according to claim 1, wherein R_8 , R_9 , R_{10} , R_{14} , R_{15} , R_{16} , R_{17} , R_{22} and R_{23} in -(O-X-O)- of the formula (2) or the formula (3) are a methyl group and -(Y-O)- has an arrangement structure of the formula (5) or the formula (6) or a random arrangement structure of the formula (5) and the formula (6).

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6. A vinyl compound according to claim 5, wherein -(O-X-O)- of the formula (2) is represented by the formula (7).

- 7. A curable resin composition containing the vinyl compound as recited in claim 1.
- 8. A photosensitive resin composition containing the vinyl compound as recited in claim 1 and a photopolymerization initiator.
 - 9. A cured product obtained by curing the curable resin

composition as recited in claim 7 or composition as recited in claim 8.